NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	If x% of 60 =48, then x=?	A. 80 B. 60 C. 90 D. 40
2	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
3	If (p-3)(p+5)>(p-3)(p+8), what is the best description of p ?	A. p = 3 B. - 8 < p < - 5 C. p = { } D. p < 3
4	(44 x 3) + 128 + 120 / 9.5 - 94.7	A. 380 B. 10 C. 76.12 D. 100
5	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
6	If abc= 2 and a = c then b =	A. a² B. 1/2a C. 2/a² D. 2-a²
7	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week ?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
8	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
9	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
10	t is an integer greater than 5. The expression that must represent an odd integer is	A. t(t+1) B. 3t-1 C. t² D. 2t-3
11	An angle is 30^{o} more than one-half its complement. Find the angle.	A. 20^o B. 30^o C. 50^o D. 60^o
12	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
13	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
14	If a train travels 5/6 mile in 1 1/4 minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
15	The average height of a class of 14 days is 5.3 feet. After new boy is admitted to the class ,the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5

16	1250÷ 25 x 0.5 = ?	A. 25 B. 50 C. 2.5 D. 100
17	816 - 288÷ 24 =?	A. 22 B. 828 C. 528 D. 804
18	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
19	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
20	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100